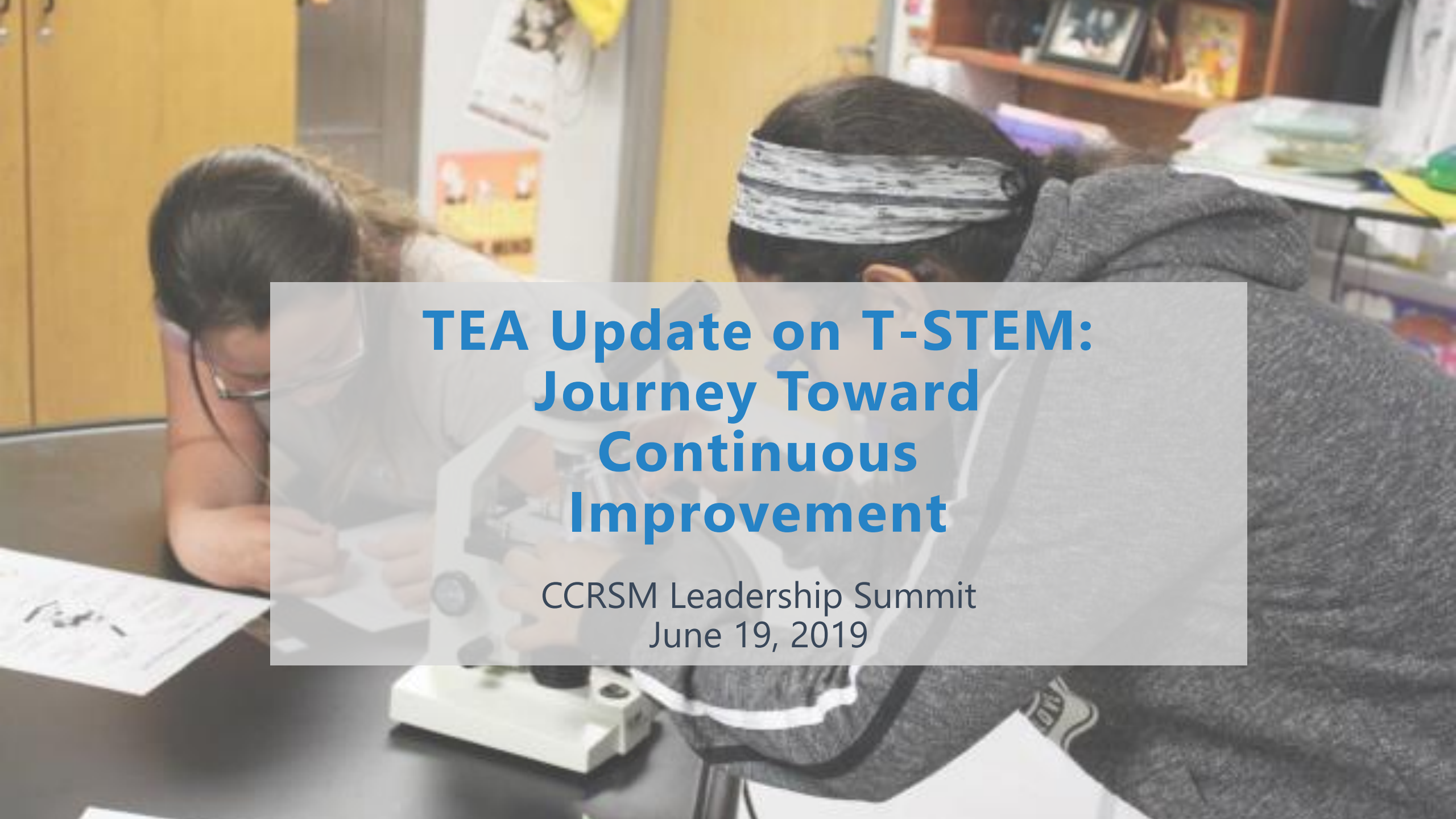


TEA Update on T-STEM: Journey Toward Continuous Improvement

CCRSM Leadership Summit
June 19, 2019

TEXAS COLLEGE & CAREER READINESS SCHOOL MODELS

T-STEM Objectives

In this session, you will have the opportunity to:

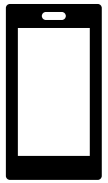
- ✓ Learn about your role in TEA's Strategic Plan to support all students
- ✓ Discover strategies for strengthening IHE/Industry partnerships
- ✓ Recognize how the CCRSM Network promotes continuous improvement
- ✓ Plan early for roll-out of Outcomes-Based Measures
- ✓ Gain an understanding of how T-STEM components promote success in A-F accountability metrics
- ✓ Identify ways to engage within the CCRSM Network throughout 2019-20

TEXAS COLLEGE & CAREER READINESS SCHOOL MODELS

We Want to Hear From You!

Please type your questions in Poll Everywhere.

Respond at **https://pollev.com/edtx3**



Text **edtx3 to 22333** to join, then share

Texas Education Agency: Strategic Plan

Texas Education Agency Strategic Plan

Every child, prepared for success in college, a career or the military.

Strategic priorities

RECRUIT SUPPORT RETAIN

Recruit, support and retain teachers and principals

Build a foundation of reading and math

Connect high school to career and college

Improve low-performing schools

Enablers

Increase transparency, fairness and rigor in district and campus academic and financial performance

Ensure compliance, effectively implement legislation and inform policymakers

Strengthen organizational foundations (resource efficiency, culture, capabilities, partnerships)

Priority 3:
Connect High School To Career and College

College and Career Readiness School Models (ECHS, T-STEM, P-TECH & Industry Cluster Innovative Academies)

High school programs that deliver on the promise of rigorous college and career opportunities and training and provide advanced academics opportunities for students.

ECHS TEXAS EARLY COLLEGE HIGH SCHOOL

T-STEM TEXAS SCIENCE, TECHNOLOGY, ENGINEERING & MATH

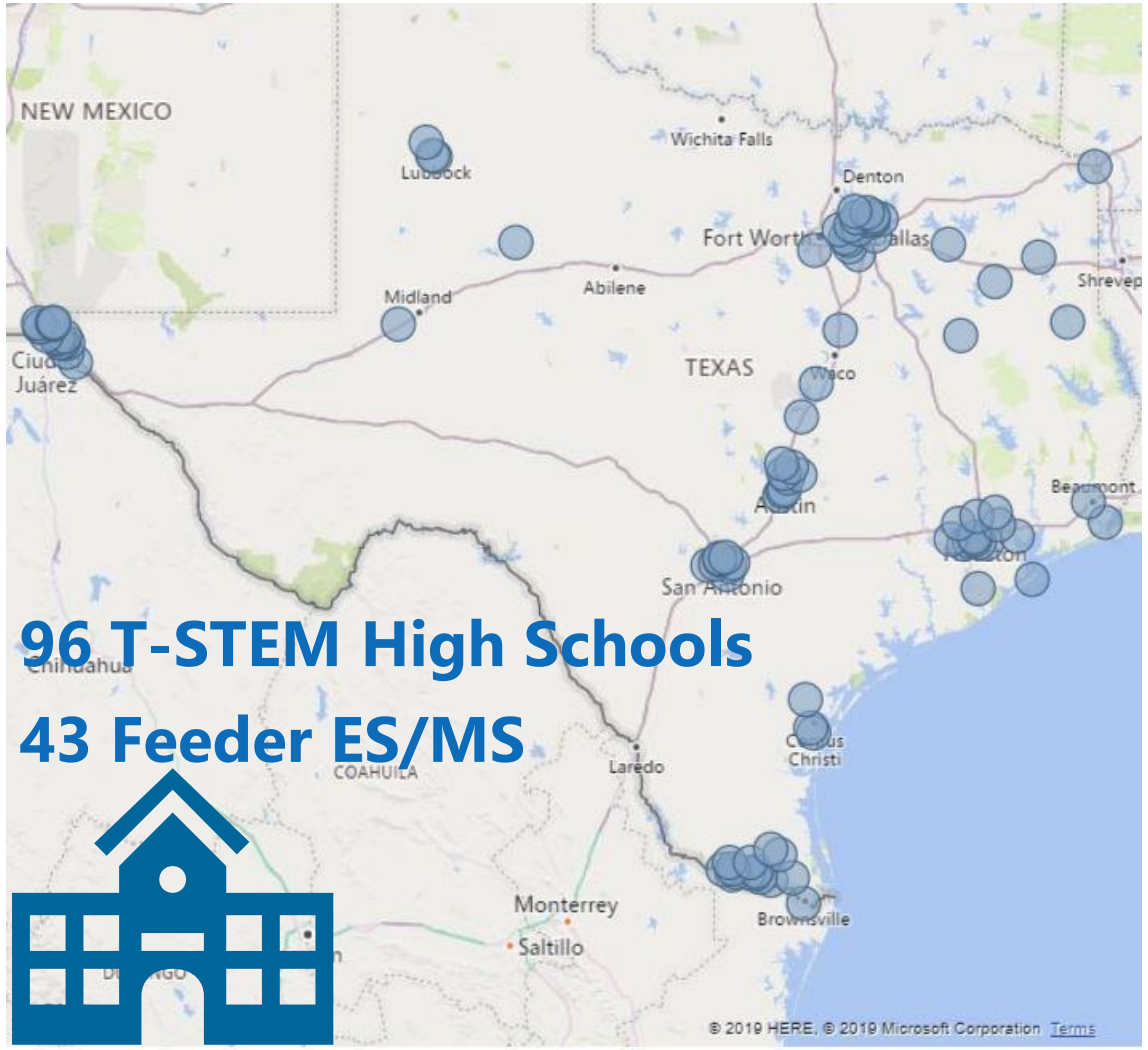
P-TECH PATHWAYS IN TECHNOLOGY EARLY COLLEGE HIGH SCHOOL

ICIA INDUSTRY CLUSTER INNOVATIVE ACADEMY

CCRSM Network: T-STEM Campuses

CCRSM Network: 371 Campuses

- Planning Campuses 32
  - ECHS 12
  - T-STEM 1
  - P-TECH 19
- Designated Campuses 339
  - ECHS 182
  - T-STEM 95
  - P-TECH 62



TEXAS COLLEGE & CAREER READINESS SCHOOL MODELS

T-STEM Components

- Establish strategic alliances with higher ed and industry partners to provide students with expanded opportunity to enroll in dual credit coursework and provide work-based learning in every grade level

- Align academic STEM pathways and enroll students in expanded opportunities for STEM coursework to prepare students for high-wage, in-demand and high-skill STEM fields

- Graduate students college & career ready with the opportunity to earn an industry certification or credential in STEM focused field

T-STEM: Strengthening Partnerships

State's Strategic Plan for Higher Education

CCRSM Student Achievement Goals Align with 60x30TX

- By 2030, at least **60% of Texans ages 25-34 will have a certificate or degree.**
- By 2030, at least 550,000 students in that year will complete **a certificate, associate, bachelor's, or master's** from an institution of higher education in Texas.
- By 2030, all graduates from Texas public institutions of higher education will have completed programs with **identified marketable skills**.
- By 2030, undergraduate **student loan debt** will not exceed 60 percent of first-year wages for graduates of Texas public institutions.

60x30TX
Texas Higher Education Coordinating Board

MOU's Articulate Partnership Roles

- TEA & THECB jointly developed key elements for dual credit partnerships to address in MOUs (TAC Section §4.84)
  - Eligible Courses
  - Student Eligibility
  - Location of Class
  - Student Composition of Class
  - Faculty Selection, Supervision, & Evaluation
  - Course Curriculum, Instruction, & Grading
  - Transcripting of Credit
  - Funding
  - Academic Policies & Student Support Services
  - Defined sequences of courses, where applicable

TEXAS COLLEGE & CAREER READINESS SCHOOL MODELS

Statewide Dual Credit Goals

- Implement purposeful & collaborative **outreach efforts** to inform all students & parents of the benefits and costs of dual credit, including enrollment and fee policies
- Dual credit will assist high school students in the successful **transition** to and **acceleration** through postsecondary education
- All dual credit students will receive academic and college readiness **advising** with access to **student support services** to bridge them successfully into college course completion
- The **quality and rigor** will be sufficient to ensure student success in subsequent courses

TEXAS COLLEGE & CAREER READINESS SCHOOL MODELS

IHE Partnerships

IHEs are Crucial to Success of CCRSM Network

- Colleges & universities partnering with CCRSM Network
  - 60 IHEs (college district and university) serve CCRSM students
  - 8 IHEs (college district and university) partner with 10+ districts
- Working together for positive impact
  - Expansion of CCRSM network with 95 new campuses over past 2 years
  - 11 districts have 5 or more CCRSM campuses
  - 126,333 CCRSM (ECHS and T-STEM) students served in 2017-18 academic year
  - 38% CCRSM students take dual credit course work (state average is 20%)

T-STEM Strategic Partnerships

T-STEM Advisory Board

- *Consisting of stakeholders to provide advisement regarding the strategic direction of the T-STEM program including resource acquisition, curriculum development, WBL, and student outreach to ensure a successful career pipeline.*

Advisory Board
Meets regularly; less frequently
Provides support, ideas and guidance
“Voice of the Community”
IHE, Industry, School Board, Community
Cross-sector membership provide input & advice
Program Advocates
Consultants
“Strategic Planning”

TEXAS COLLEGE & CAREER READINESS SCHOOL MODELS

Strengthening Industry Partnerships

Business Partners

- Industry-Based Certifications
  - TEA expanded Approved Industry-Based Certifications for Public School Accountability for 2019-20: https://tea.texas.gov/cte/
- Industry MOU's should outline work-based learning opportunities for grades 9-12
  - TEA conducted listening tours throughout spring 2019 to develop strategic plan for WBL

2019-2020 Approved List of Industry-Based Certifications
A-F Accountability System
Student Achievement Domain

TEA Texas Education Agency

Primary Career Cluster	Certification	Aligned to a Program of Study	Aligned Occupation	Occupation Median Salary	Program of Study Average Salary	End Year to be on Certification List
Agriculture, Food & Natural Resources	Landscape Irrigation Technician License	Plant Science	Precision Agriculture Technicians	$ 44,366	$ 42,890	
Agriculture, Food & Natural Resources	Licensed Veterinary Technician	Animal Science	Veterinary Technologists and Technicians	$ 28,850	$ 66,536	
Agriculture, Food & Natural Resources	OSHA 30 Hour General Industry	Applied Agricultural Engineering	Farm Equipment Mechanics and Service Technicians	$ 39,915	$ 51,470	
Agriculture, Food & Natural Resources	OSHA Hazardous Waste Operations and Emergency Response	Applied Agricultural Engineering	Hazardous Materials Removal Workers	$ 33,550	$ 51,470	
Agriculture, Food & Natural Resources	Commercial/Noncommercial Pesticide Applicator	Plant Science	Pesticide Handlers, Sprayers, and Applicators, Vegetation	$ 36,733	$ 42,890	
Agriculture, Food & Natural Resources	Feedyard Technician in Cattle Care and Handling	Animal Science	Farmworkers, Farm, Ranch and Aquacultural Animals	$ 21,882	$ 66,536	
Agriculture, Food & Natural Resources	Feedyard Technician in Machinery Operation, Repair and Maintainence	Applied Agricultural Engineering	Farm Equipment Mechanics and Service Technicians	$ 39,915	$ 51,470	
Agriculture, Food & Natural Resources	Texas State Floral Association Floral Skills Knowledge Based Certification	Plant Science	Floral Designers	$ 24,024	$ 42,890	
Agriculture, Food & Natural Resources	Texas State Floral Association Level One Floral Certification	Plant Science	Floral Designers	$ 24,024	$ 42,890	
Agriculture, Food & Natural Resources	Texas State Floral Association Level Two Certification	Plant Science	Floral Designers	$ 24,024	$ 42,890	
Agriculture, Food & Natural Resources	Certified Veterinarian Assistant, Level 1	Animal Science	Veterinary Assistants and Laboratory Animal Caretakers	$ 22,901	$ 66,536	
Agriculture, Food & Natural Resources	Wastewater Collections, Class 1	Environmental and Natural Resources	Water and Wastewater Treatment Plant and Systems Operators	$ 36,483	$ 66,116	
Agriculture, Food & Natural Resources	Water Operators, Class D	Environmental and Natural Resources	Water and Wastewater Treatment Plant and Systems Operators	$ 36,483	$ 66,116	
Architecture & Construction	Refrigerant Handling (EPA 608)	HVAC and Sheet Metal	Refrigeration Mechanics and Installers	$ 41,808	$ 47,722	
Architecture & Construction	Autodesk Certified Professional or User in AutoCAD	Architectural Design	Architects, Except Landscape and Naval	$ 77,043	$ 59,082	
Architecture & Construction	Autodesk Certified Professional or User in AutoCAD Civil 3D	Architectural Design	Architects, Except Landscape and Naval	$ 77,043	$ 59,082	
Architecture & Construction	Autodesk Certified Professional or User in Autodesk Revit Building Systems	Architectural Design	Architects, Except Landscape and Naval	$ 77,043	$ 59,082	
Architecture & Construction	Autodesk Certified Professional or User in Revit Architecture	Architectural Design	Architects, Except Landscape and Naval	$ 77,043	$ 59,082	
Architecture & Construction	Autodesk Certified Professional or User in Revit MEP Electrical	Architectural Design	Architects, Except Landscape and Naval	$ 77,043	$ 59,082	
Architecture & Construction	Electrical Apprenticeship Certificate Level 1	Electrical	Electricians	$ 44,013	$ 56,271	2023
Architecture & Construction	NCCER Sheet Metal, Level 1	HVAC and Sheet Metal	Sheet Metal Workers	$ 44,013	$ 47,722	
Architecture & Construction	NCCER Carpentry, Level 1	Carpentry	Construction Carpenters	$ 35,922	$ 49,930	
Architecture & Construction	NCCER Carpentry, Level 2	Carpentry	Construction Carpenters	$ 35,922	$ 49,930	
Architecture & Construction	NCCER Commercial Carpenter	Carpentry	Construction Carpenters	$ 35,922	$ 49,930	
Architecture & Construction	NCCER Commercial Electrician	Electrical	Electricians	$ 44,013	$ 56,271	
Architecture & Construction	NCCER Construction Site Safety Technician (CSST)	All Architecture and Construction Programs of Study	Occupational Health and Safety Technicians	$ 46,218	$ 49,930	
Architecture & Construction	NCCER Construction Technology	All Architecture and Construction Programs of Study	Construction Laborers	$ 28,787	$ 49,930	
Architecture & Construction	NCCER Core Curriculum	All Architecture and Construction Programs of Study	Construction Laborers	$ 28,787	$ 49,930	
Architecture & Construction	NCCER Electrical, Level 1	Electrical	Electricians	$ 44,013	$ 56,271	
Architecture & Construction	NCCER Electrical, Level 2	Electrical	Electricians	$ 44,013	$ 56,271	
Architecture & Construction	NCCER Electronic Systems Technician, Level 1	Electrical	Electricians	$ 44,013	$ 56,271	

Strengthening Industry Partnerships

Business Partners

- Programs of Study (POS)
  - TEA released 55 Programs of Study in June for public comment
  - POS templates are aligned with statewide workforce needs
  - Visit your local Workforce Board to find labor market information (LMI) data => Share LMI data with Advisory Council: https://twc.texas.gov/partners/workforce-development-boards-websites
  - Identify specific skills and credentials needed by employers
  - Determine which POS may be most appropriate for your region: https://tea.texas.gov/Academics/College,_Career,_and_Military_Prep/Career_and_Technical_Education/Programs_of_Study_Public_Comment/

Texas Education Agency

Share With Your Elbow Partner

What actions do you need to take over the next year to strengthen partnerships?

T-STEM: Student Success

TEXAS COLLEGE & CAREER READINESS SCHOOL MODELS

T-STEM Blueprint

T-STEM Benchmarks:

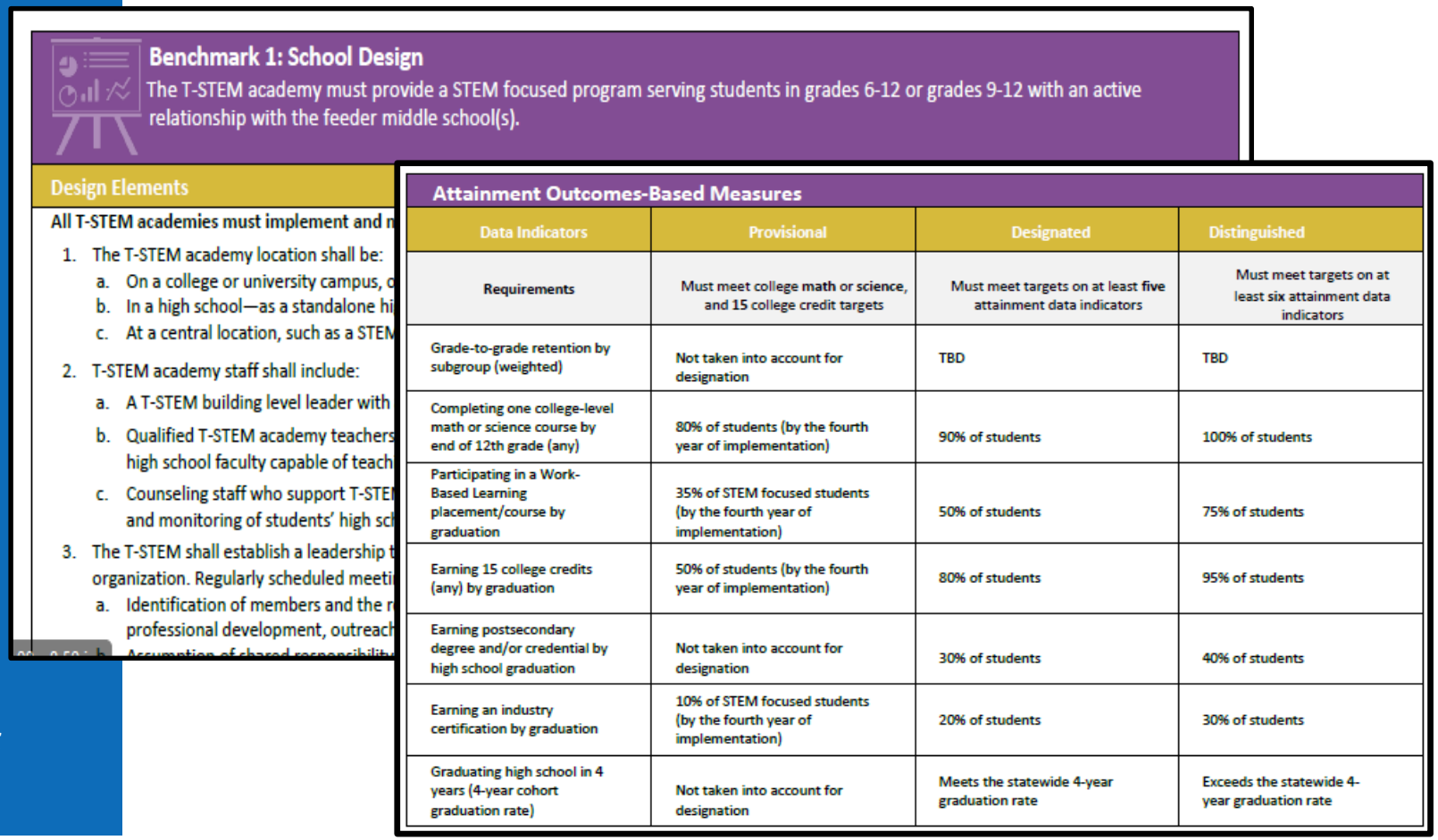
- School Design
- Target Population
- Strategic Alliances
- Curriculum, Instruction, & Assessment
- Work-Based Learning
- Student Support

Outcomes-Based Measures

- Access
- Attainment
- Achievement

** See Appendix for Required Products*

T-STEM Blueprint can be found at https://tea.texas.gov/ccrsm/



Benchmark 1: School Design

The T-STEM academy must provide a STEM focused program serving students in grades 6-12 or grades 9-12 with an active relationship with the feeder middle school(s).

Design Elements

All T-STEM academies must implement and m

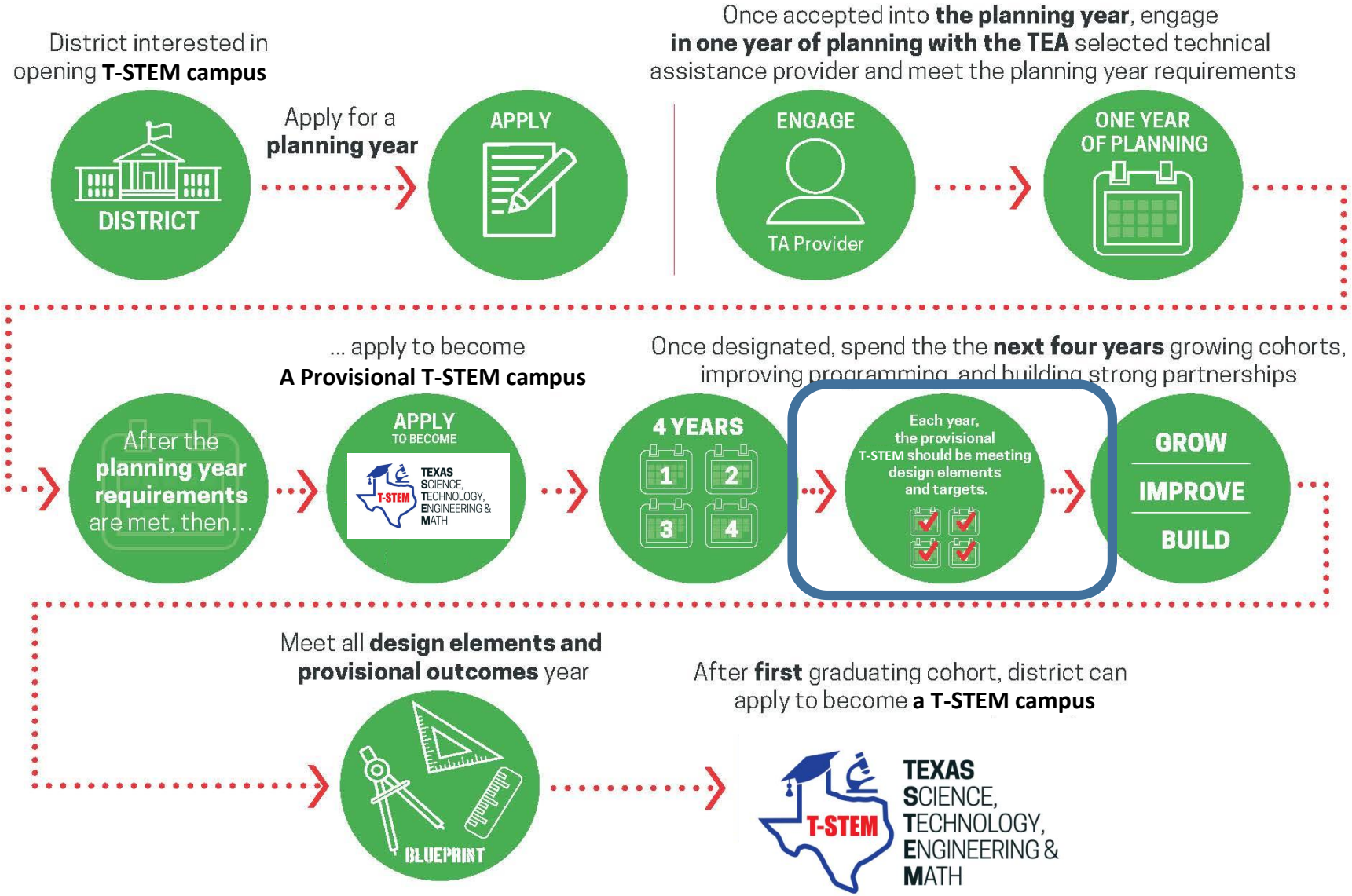
1. The T-STEM academy location shall be:
   a. On a college or university campus, c
   b. In a high school—as a standalone hi
   c. At a central location, such as a STEM
2. T-STEM academy staff shall include:
   a. A T-STEM building level leader with
   b. Qualified T-STEM academy teachers high school faculty capable of teach
   c. Counseling staff who support T-STE and monitoring of students' high sc
3. The T-STEM shall establish a leadership t organization. Regularly scheduled meeti
   a. Identification of members and the r professional development, outreach

Attainment Outcomes-Based Measures

Data Indicators	Provisional	Designated	Distinguished
Requirements	Must meet college math or science, and 15 college credit targets	Must meet targets on at least five attainment data indicators	Must meet targets on at least six attainment data indicators
Grade-to-grade retention by subgroup (weighted)	Not taken into account for designation	TBD	TBD
Completing one college-level math or science course by end of 12th grade (any)	80% of students (by the fourth year of implementation)	90% of students	100% of students
Participating in a Work-Based Learning placement/course by graduation	35% of STEM focused students (by the fourth year of implementation)	50% of students	75% of students
Earning 15 college credits (any) by graduation	50% of students (by the fourth year of implementation)	80% of students	95% of students
Earning postsecondary degree and/or credential by high school graduation	Not taken into account for designation	30% of students	40% of students
Earning an industry certification by graduation	10% of STEM focused students (by the fourth year of implementation)	20% of students	30% of students
Graduating high school in 4 years (4-year cohort graduation rate)	Not taken into account for designation	Meets the statewide 4-year graduation rate	Exceeds the statewide 4-year graduation rate

TEXAS COLLEGE & CAREER READINESS SCHOOL MODELS

T-STEM Designation Process



TEXAS COLLEGE & CAREER READINESS SCHOOL MODELS

T-STEM Network

Building Capacity to Drive Continuous Improvement

- Thought partnership to address ongoing systemic challenges

- Personalized campus coach support to meet design elements

- Networking to promote sharing and scaling of best practices

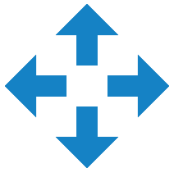
- Peer mentorship to codify and replicate “what works”

T-STEM Network

Building Capacity to Drive Continuous Improvement

- Data-driven approach to address ongoing barriers to student success

- Access to resources & services from TEA program specialists



- Focused strategies to improve in alignment

Texas Education Agency

Share With Your Elbow Partner

What is YOUR value-add from engaging with the Network?

How does it drive student success?

T-STEM: Outcome-Based Measures

TEXAS COLLEGE & CAREER READINESS SCHOOL MODELS

T-STEM Outcomes-Based Measures

	Know	Want to Know	Learned
ACCESS			
ATTAINMENT			
ACHIEVEMENT			

TEXAS COLLEGE & CAREER READINESS SCHOOL MODELS

T-STEM Outcome-Based Measures

ACCESS	ATTAINMENT	ACHIEVEMENT
Student enrollment in T-STEM is proportionate to, or over-representative of, targeted subgroups in the entire district	Student completion of T-STEM programming goals & targets	Student performance on various measures of college & career readiness while enrolled in T-STEM

CCRSM are currently in a phase-in process for the new T-STEM Blueprint. All data are for information and planning purposes only. This information will not be used to determine designation status. Currently, program designation status is based on the number of years of program operation.

Full Implementation of T-STEM Outcomes-Based Measures

	Full Implementation (Year 5)	Outcomes-Based Measures for Designated Status
9th Grade	• 9th Grade Access for At-Risk Students • 9th Grade Algebra I EOC	• No more than 15% points under district average for grades 9-12 • 85% meeting grade level standard

Full Implementation of T-STEM Outcomes-Based Measures

	Full Implementation (Year 5)	Outcomes-Based Measures for Designated Status
9th Grade	• 9th Grade Access for At-Risk Students	• No more than 15% points under district average for grades 9-12
	• 9th Grade Algebra I EOC	• 85% meeting grade level standard
11th Grade	• Grade-to-grade persistence by subgroup (weighted; cohort metric)	• TBD
	• TSI College Readiness Standards in Reading	• 70% meeting grade level standard
	• TSI College Readiness Standards in Writing	• 80% meeting grade level standard
	• TSI College Readiness Standards in Math	• 60% meeting grade level standard
	• College Readiness benchmarks on SAT/ACT	• 40% of students reach passing rate on one or more college readiness benchmarks

TEXAS COLLEGE & CAREER READINESS SCHOOL MODELS

Full Implementation of T-STEM Outcomes-Based Measures

TEXAS SCIENCE, TECHNOLOGY, ENGINEERING & MATH

	Full Implementation (Year 5)	Outcomes-Based Measures for Designated Status
9th Grade	• 9th Grade Access for At-Risk Students	• No more than 15% points under district average for grades 9-12
	• 9th Grade Algebra I EOC	• 85% meeting grade level standard
11th Grade	• Grade-to-grade persistence by subgroup (weighted; cohort metric)	• TBD
	• TSI College Readiness Standards in Reading	• 70% meeting grade level standard
	• TSI College Readiness Standards in Writing	• 80% meeting grade level standard
	• TSI College Readiness Standards in Math	• 60% meeting grade level standard
	• College Readiness benchmarks on SAT/ACT	• 40% of students reach passing rate on one or more college readiness benchmarks
12th Grade	• Access for Economically Disadvantaged Students (grades 9-12)	• No more than 5% points under district average for grades K-12
	• Participating in a WBL placement/course by graduation	• 50% of students
	• Completing one college-level math or science course by end of 12th grade	• 90% of students
	• Earning 15 college credits by graduation	• 80% of students
	• Earning postsecondary degree and/or credential by HS graduation	• 30% of students earn Level 1, Level 2, or Associates Degree
	• Earning an industry-based certification by HS graduation	• 20% of students
	• Graduating high school in 4 years (4-year cohort graduation rate)	• Meets the statewide 4-year graduate rate for the cohort

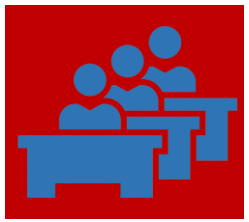
Planning for T-STEM Outcomes-Based Measures

Phase In	*Year 0 Planning Year*
N/A	***Begin intentional planning for OBMs***
9th Grade	
10th Grade	
11th Grade	
12th Grade	

Planning for T-STEM Outcomes-Based Measures

Phase In	*Year 0 Planning Year*	Year 1
N/A	***Begin intentional planning for OBMs***	***Intentional planning for OBMs***
9th Grade		• 9th Grade Access for At-Risk • 9th Grade Access for Eco Dis • 9th Grade Algebra I EOC
10th Grade		
11th Grade		
12th Grade		

Your first cohort of students



Planning for T-STEM Outcomes-Based Measures

Phase In	*Year 0 Planning Year*	Year 1	Year 2
N/A	***Begin intentional planning for OBMs***	***Intentional planning for OBMs***	***Intentional planning for OBMs***
9th Grade		• 9th Grade Access for At-Risk • 9th Grade Access for Eco Dis • 9th Grade Algebra I EOC	• 9th Grade Access for At-Risk • 9th Grade Algebra I EOC
10th Grade			• Access for Eco Dis (grades 9-10)
11th Grade			
12th Grade			

Planning for T-STEM Outcomes-Based Measures

Phase In	*Year 0 Planning Year*	Year 1	Year 2	Year 3
N/A	***Begin intentional planning for OBMs***	***Intentional planning for OBMs***	***Intentional planning for OBMs***	***Intentional planning for OBMs***
9th Grade		• 9th Grade Access for At-Risk • 9th Grade Access for Eco Dis • 9th Grade Algebra I EOC	• 9th Grade Access for At-Risk • 9th Grade Algebra I EOC	• 9th Grade Access for At-Risk • 9th Grade Algebra I EOC
10th Grade			• Access for Eco Dis (grades 9-10)	
11th Grade				• Access for Eco Dis Students (grades 9-11) • Grade-to-grade persistence by subgroup (weighted; cohort metric) • TSI College Readiness Standards in Reading • TSI College Readiness Standards in Writing • TSI College Readiness Standards in Math • College Readiness benchmarks on SAT/ACT
12th Grade				

Planning for T-STEM Outcomes-Based Measures

Phase In	*Year 0 Planning Year*	Year 1	Year 2	Year 3	Year 4
N/A	***Begin intentional planning for OBMs***	***Intentional planning for OBMs***	***Intentional planning for OBMs***	***Intentional planning for OBMs***	***Intentional planning for OBMs***
9th Grade		• 9th Grade Access for At-Risk • 9th Grade Access for Eco Dis • 9th Grade Algebra I EOC	• 9th Grade Access for At-Risk • 9th Grade Algebra I EOC	• 9th Grade Access for At-Risk • 9th Grade Algebra I EOC	• 9th Grade Access for At-Risk • 9th Grade Algebra I EOC
10th Grade			• Access for Eco Dis (grades 9-10)		
11th Grade				• Access for Eco Dis Students (grades 9-11) • Grade-to-grade persistence by subgroup (weighted; cohort metric) • TSI College Readiness Standards in Reading • TSI College Readiness Standards in Writing • TSI College Readiness Standards in Math • College Readiness benchmarks on SAT/ACT	• Grade-to-grade persistence by subgroup (weighted; cohort metric) • TSI College Readiness Standards in Reading • TSI College Readiness Standards in Writing • TSI College Readiness Standards in Math • College Readiness benchmarks on SAT/ACT
12th Grade					• Access for Eco Dis (Grades 9-12) • Participating in a WBL placement/course by graduation • Completing one college-level math or science course by end of 12th grade • Earning 15 college credits by graduation • Earning postsecondary degree and/or credential by HS graduation • Earning an industry-based certification by HS graduation • Graduating high school in 4 years (4-year cohort graduation rate)

TEXAS COLLEGE & CAREER READINESS SCHOOL MODELS

Questions Regarding OBM's?

TEXAS SCIENCE, TECHNOLOGY, ENGINEERING & MATH

	Full Implementation (Year 5)	Outcomes-Based Measures for Designated Status
9th Grade	• 9th Grade Access for At-Risk Students	• No more than 15% points under district average for grades 9-12
	• 9th Grade Algebra I EOC	• 85% meeting grade level standard
11th Grade	• Grade-to-grade persistence by subgroup (weighted; cohort metric)	• TBD
	• TSI College Readiness Standards in Reading	• 70% meeting grade level standard
	• TSI College Readiness Standards in Writing	• 80% meeting grade level standard
	• TSI College Readiness Standards in Math	• 60% meeting grade level standard
	• College Readiness benchmarks on SAT/ACT	• 40% of students reach passing rate on one or more college readiness benchmarks
12th Grade	• Access for Economically Disadvantaged Students (grades 9-12)	• No more than 5% points under district average for grades K-12
	• Participating in a WBL placement/course by graduation	• 50% of students
	• Completing one college-level math or science course by end of 12th grade	• 90% of students
	• Earning 15 college credits by graduation	• 80% of students
	• Earning postsecondary degree and/or credential by HS graduation	• 30% of students earn Level 1, Level 2, or Associates Degree
	• Earning an industry-based certification by HS graduation	• 20% of students
	• Graduating high school in 4 years (4-year cohort graduation rate)	• Meets the statewide 4-year graduate rate for the cohort

CCMR Indicators for Student Achievement

College, Career, and Military Ready

- Meet criteria of 3 on AP or 4 on IB examinations
- Meet TSI criteria (SAT/ACT/TSIA/ College Prep course) in reading and mathematics
- Complete a course for dual credit (9 hours or more in any subject or 3 hours or more in ELAR/mathematics)
- Earn an associate degree
- Complete an OnRamps Course in any subject*
- Earn industry-based certification
- CTE coherent sequence coursework completion and credit aligned with approved industry-based certifications (one-half point credit)
- Graduate with completed IEP and workforce readiness (graduation type code of 04, 05, 54, or 55)
- Earn a Level 1 or Level 2 Certificate*
- Graduate under an advanced degree plan and be identified as a current special education student*
- Enlist in the United States Armed Forces

*Implementation in 2019 and beyond

Mutually Reinforcing Activities

College, Career, and Military Ready

- Meet criteria of 3 on AP or 4 on IB examinations
- Meet TSI criteria (SAT/ACT/TSIA/ College Prep course) in reading and mathematics
- Complete a course for dual credit (9 hours or more in any subject or 3 hours or more in ELAR/mathematics)
- Earn an associate degree
- Complete an OnRamps Course in any subject*
- Earn industry-based certification
- CTE coherent sequence coursework completion and credit aligned with approved industry-based certifications (one-half point credit)
- Graduate with completed IEP and workforce readiness (graduation type code of 04, 05, 54, or 55)
- Earn a Level 1 or Level 2 Certificate*
- Graduate under an advanced degree plan and be identified as a current special education student*
- Enlist in the United States Armed Forces

*Implementation in 2019 and beyond

Texas Education Agency

Share With Your Elbow Partner

How do you see OBMs reinforcing YOUR priorities for student success?

CCRSM Network: **Next Steps**

Access OBM Data: Coming Soon

Outcomes-Based Measures Summary Report for 2019-2020 T-STEM Designation

- 9th grade students only; Access only
- 2018-2019 students reported in PEIMS Fall snapshot
- Will be available in TEAL portal

Save the Date!

OBM/TEAL Webinar:

How to Read your Campus OBM Summary Report

August 29th, 2019

10 AM -12 PM

Successful T-STEM Implementation

Data-Driven Decision Making

- Intentional planning for OBM phase-in
  - Leadership team should prioritize efforts to improve student success
  - What needs to happen this year to meet Achievement/Attainment OBMs?
- Identification of systemic challenges
  - Analyze Campus OBM Summary Report for areas in need of additional supports
  - Develop/revise intervention strategies
  - Share your ideas/needs with your T-STEM campus coach

TEXAS COLLEGE & CAREER READINESS SCHOOL MODELS

Continuous Improvement

Building the Capacity of the Network

- TEA
  - Customizing supports/service for growing CCRSM Network
  - Offering webinars to better understand TEA resources (e.g., OBM Summary Reports, Designation Application, Grants)
  - Sharing our expertise in LMI, WBL and POS to support your pathways
  - Working to develop new suite of resources and PD in partnership with ESCs
  - Seeking your input as we being the revision process for the ECHS Blueprint
  - Seeking your input as we explore need for middle school T-STEM Blueprint

TEXAS COLLEGE & CAREER READINESS SCHOOL MODELS

Continuous Improvement

Building the Capacity of the Network

- Educate Texas
  - Coaches will help you understand your OBM campus data and prioritize efforts for campus improvement
  - Coaches will deepen our community of practice to leverage experience and best practices of campus leaders and IHE/industry partners
  - Coaches will serve as a thought partner for increasing fidelity to BP design and improving required products
  - Regional Managers will utilize cross-sector approach for addressing ongoing barriers to student success

TEXAS COLLEGE & CAREER READINESS SCHOOL MODELS

T-STEM 2019-2020 Timeline

Date	Event	Host
August 2019	Coach Site Visits Launch Ongoing Support	Educate Texas
September 2019	Planning Application Window Opens Online*	TEA
September-October 2019	CCRSM Regional Convenings	Educate Texas
October 2019	Planning Application Informational Webinar*	TEA
November 2019	Planning Application Window Closes*	TEA
December 2019	CCCRSM Regional Convenings - Campus Site Visits	Educate Texas
January 2020	New Planning Campuses Announced*	TEA
January 2020	Renewal Designation Window Opens	TEA
January-February 2020	CCRSM Regional Convenings	Educate Texas
February 2020	Renewal Designation Window Closes	TEA
March-May 2020	CCCRSM Regional Convenings - Campus Site Visits	Educate Texas
May 2020	Renewal Designation Announcement	TEA
June 2020	CCRSM Statewide Leadership Summit	Educate Texas

**Activities for campuses intending to join CCRSM Network*

TEXAS COLLEGE & CAREER READINESS SCHOOL MODELS

Fall Regional Convenings

**Plan to attend with 2-3 from your campus leadership team and your district liaison.*

Lubbock	• **September 17, 2019**
Houston	• **September 19, 2019**
Frisco	• **September 25, 2019**
Austin	• **October 1, 2019**
El Paso	• **October 8, 2019**
Tyler	• **October 10, 2019**
Harlingen	• **October 16, 2019**

Fall Regional Convenings

Join Us

- TEA is going through process to solicit feedback for ECHS Blueprint in 2019-20 and T-STEM & P-TECH Blueprints in 2020-21

  - Provide your input on CCRSM Blueprints Revision

- Learn about statewide OBM data and opportunities for improvement

TEXAS COLLEGE & CAREER READINESS SCHOOL MODELS

Mid-Winter Regional Convenings

**Plan to attend with 2-3 from your campus leadership team and your district liaison.*

Plano	• January 21, 2020
Harlingen	• January 23, 2020
Lubbock	• January 28, 2020
Houston	• January 30, 2020
Tyler	• February 5, 2020
El Paso	• February 12, 2020
San Antonio	• February 20, 2020

TEXAS COLLEGE & CAREER READINESS SCHOOL MODELS

Share Your Story!

- Share with other campus/IHE leaders what you love about the CCRSM Network
- Invite community partners on a site visit to learn from your students
- Share your pictures with Educate Texas
- We are building case studies of your great partnerships & excellence
- Your application narrative is critical => we use and share

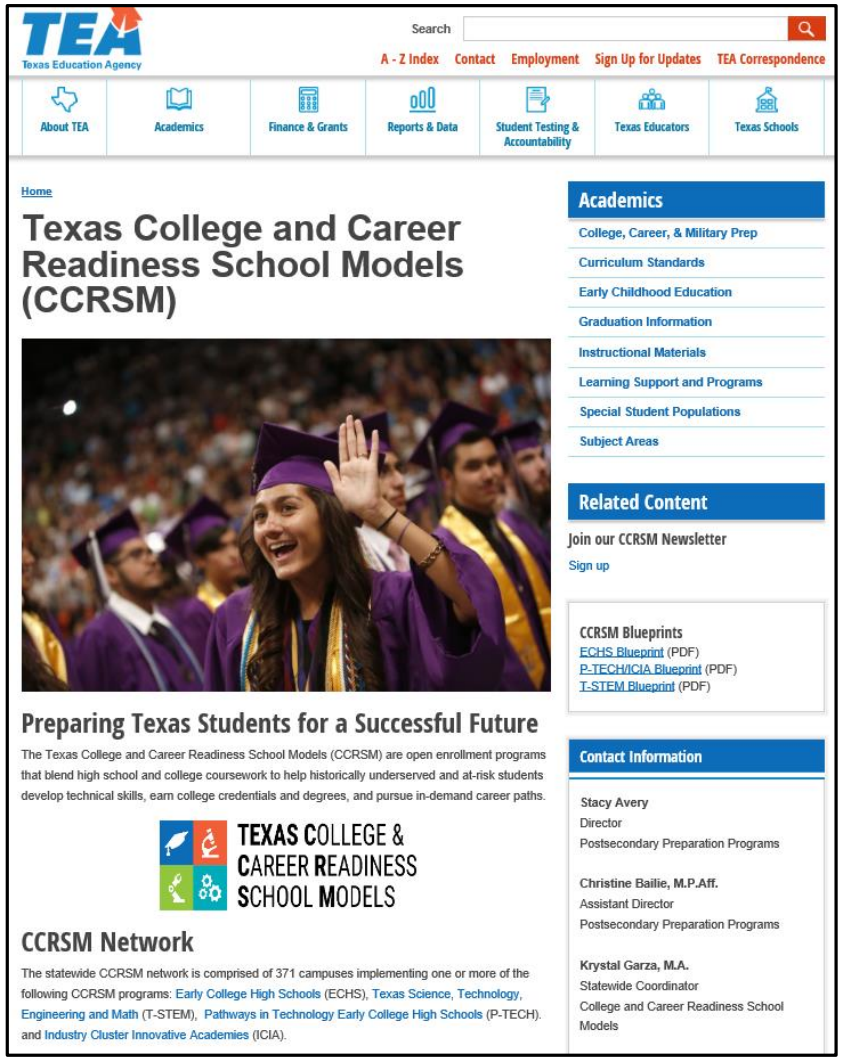
Web Resources

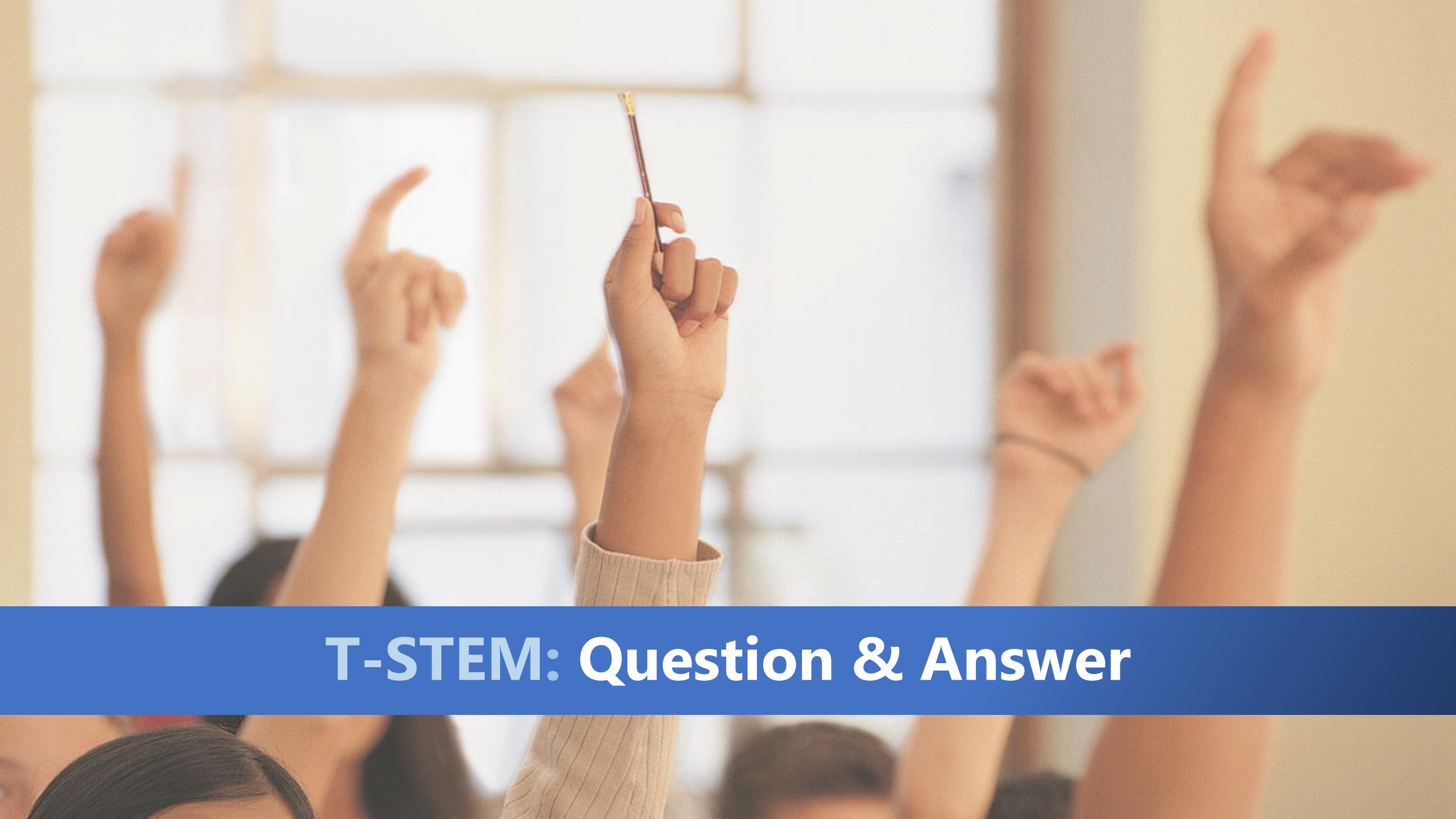
Technical Assistance Provider

- Community of Practice, Resources & Calendar of Events

Texas Education Agency: Resources & Info

- CCMP Division Homepage
- CCRSM Homepage
- CCRSM Designation Portal
- P-TECH Program
- Industry Cluster Innovation Academy
- CTE Information & Resources
- Funding for CTE
- Campus, District & Statewide Data
- Texas Schools Report Card





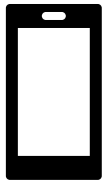
T-STEM: Question & Answer

TEXAS COLLEGE & CAREER READINESS SCHOOL MODELS

We Want to Hear From You!

Please type your questions in Poll Everywhere.

Respond at **https://pollev.com/edtx3**



Text **edtx3 to 22333** to join, then share

This Is Not The End Of Our Conversation

Your Voice is Important

- If you have specific thoughts about the T-STEM Blueprint or about the development of a middle school Blueprint, please let us know.
- Complete our Survey
  - Filter for each CCR School Model you are implementing
  - 3 Open-ended questions
    - 6 Benchmarks
    - OBMs
    - Other comments

https://tea.co1.qualtrics.com/jfe/form/SV_d0AETcrqDMD5Pc9

TEA Contact Information

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CCRSM Network and OBM/TEAL Inquiries: ccrsm@tea.texas.gov

Appendix – Required Products

TEXAS COLLEGE & CAREER READINESS SCHOOL MODELS

T-STEM Required Products

Benchmark	Products
1: School Design	• Annual training and **professional development calendar** and plan for teachers • **Mentor/induction program plans** • T-STEM **leadership meetings and agenda** notes
2: Target Population	• Written **admission policy** and **enrollment application** • Written **recruitment plan** including a timeline of recruitment and enrollment events, and recruitment materials for distribution at feeder schools and other appropriate locations in the community • **Brochures and marketing** in Spanish, English, and/or other relevant language(s) • Written **communication plan for targeting** identified audiences, parents, community members, school board, higher education personnel, etc.

TEXAS COLLEGE & CAREER READINESS SCHOOL MODELS

T-STEM Required Products

Benchmark	Products
3: Strategic Alliances	• **Meeting agendas** and minutes, with action items and decision logs • Final, signed and **executed MOU with IHE** • Final, signed and **executed MOU with business/industry partner** • A **list of strategic partners** with each member's organization, title, and role in providing work-based learning for students by grade level
4: Curriculum, Instruction & Assessment	• 4-year **crosswalk document** • **Master schedule** • **Curriculum alignment documents** • **Testing calendar** and schedule for TSI, ACT, and SAT • Documentation detailing a minimum of **3 course of study examples** that outline student pathways from HS, to associate degree, to industry certifications & beyond

TEXAS COLLEGE & CAREER READINESS SCHOOL MODELS

T-STEM Required Products

Benchmark	Products
5: Work-Based Learning	• Documentation of appropriate **work-based learning experiences** available for students **at all grade levels (6-12)** • Current dated regional **high demand STEM occupation list** • **Aggregate data** describing T-STEM student participation in **work-based learning** experiences as well as percentage of students earning **industry certification** & **credentials** by type
6: Student Support	• **Bridge program** calendar and curricula • Tutoring and other **intervention/remediation program schedules** • Calendar of **family outreach events** • Schedule of regularly scheduled **counseling/advisory events** and records of completion of these support services